

[ABSTRACT]

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A fluorescent lamp for a backlight of a liquid crystal display device and a liquid crystal display device having the same are disclosed. The fluorescent lamp includes a red color phosphor having a maximum luminous wavelength of about 600nm to 620nm, a green color phosphor having a maximum luminous wavelength of about 520nm to 555nm and a blue color phosphor having a maximum luminous wavelength of about 440nm to 460nm. The green color phosphor has one maximum luminous peak or the side peak having about 20% or smaller relative size in comparison with the maximum luminous peak beside the maximum luminous peak. Therefore, by means of removing or minimizing the side luminous peak of the green color phosphor, the color reproductivity and the color temperature can greatly increase without decreasing the brightness of the white color.

[REPRESENTATIVE FIGURE]

FIG. 4